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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PROCESSING ELECTROCARDIAC SIGNALS HAVING SUPERIMPOSED COMPLEXES**

the specification of which was filed on July 11, 2003, Application Serial No. not yet assigned.

In the event that the filing date and/or Application Serial No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at **Darby & Darby P.C.**, P.O. Box 5257, New York, New York 10150-5257, to insert above the filing date and/or Application Serial No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

**FOREIGN PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

- no such foreign applications have been filed  
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**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			____ Yes ____ No ____
			____ Yes ____ No ____
			____ Yes ____ No ____

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**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**

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such U.S. provisional applications have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/247,269	November 10, 2000	____ x Yes ____ No ____
60/295,217	June 1, 2001	____ x Yes ____ No ____
		____ Yes ____ No ____

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

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- such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)
10/005,470	November 7, 2001	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

Paul F. Fehlner, Ph.D.	35,135	Joseph B. Lerch	26,936	Peter C. Schechter	31,662
Paul Fields	20,298	Bert J. Lewen	19,407	Henry Sternberg	22,408
Melvin C. Garner	26,272	Scott G. Lindvall	40,325	Robert C. Sullivan, Jr.	30,499
Adda C. Gogoris	29,714	S. Peter Ludwig	25,351	Michael J. Sweedler	19,937
Marc S. Gross	19,614	Joseph R. Robinson	33,448	Pierre R. Yanney	35,418
David Leason	36,195	Robert Schaffer	31,194		

all of **Darby & Darby P.C.**, P.O. Box 5257, New York, New York 10150-5257, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to David Leason, whose address is:

**Darby & Darby P.C.**  
P.O. Box 5257  
New York, New York 10150-5257

Please direct telephone calls to: David Leason at (212) 527-7602.

Please direct facsimiles to: (212) 753-6237

Full name of sole or first inventor <b>David P. MacAdam</b>	
Sole or first inventor's signature 	Date <i>11/03/03</i>
Residence <b>Millbury, Massachusetts</b>	
Citizenship    US	
Mailing Address  5 Cyndy Lane Millbury, Massachusetts 01527	

Full name of second inventor, if any <b>Paul J. Wang</b>	
Second inventor's signature	Date
Residence <b>Boston, Massachusetts</b>	
Citizenship    US	
Mailing Address  750 Washington Street Boston, Massachusetts 02111	

Full name of third inventor, if any <b>Shawn Yang</b>	
Third inventor's signature	Date
Residence <b>Andover, Massachusetts</b>	
Citizenship    US	
Mailing Address  6 Irongate Drive Andover, Massachusetts 01810	

Full name of fourth inventor, if any <b>Dipen Shah</b>	
Fourth inventor's signature	Date
Residence <b>Talence, France</b>	
Citizenship    FR	
Mailing Address  65 Rue de la Republique F-33400 Talence, Bordeaux France	

FE FEB. 24, 2004 1:46PM

FEB. 23, 2004 7:50AM

NO. 756 P. 3

P. 3

NO. 699 P. 3



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR PROCESSING ELECTROCARDIAC SIGNALS HAVING SUPERIMPOSED COMPLEXES**

the specification of which was filed on July 11, 2003, Application Serial No. 10/618,414.

In the event that the filing date and/or Application Serial No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorney/agent(s) at Darby & Darby P.C., P.O. Box 5257, New York, New York 10150-5257, to insert above the filing date and/or Application Serial No. of said application.

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**FOREIGN PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below my foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

- no such foreign applications have been filed  
 such foreign application have been filed as follows:

NO. 699 P. 4

Attorney Docket No.: 01780100G910-US3

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No _____
			Yes No _____
			Yes No _____

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Priority	Date of Filing

**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

- no such U.S. provisional applications have been filed.  
 such U.S. provisional applications have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/247,269	November 10, 2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
60/295,217	June 4, 2001	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**CLAIM FOR BENEFIT OF EARLIER U.S. PCT APPLICATION**

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application;

FEB. 23, 2004 7:50AM

NO. 699 P.5

P. 5

Attorney Docket No.: 01780/100G910-US3

- no such U.S./PCT applications have been filed.
- such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)
10/225,470	November 7, 2001	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**I hereby appoint:**

Paul F. Fehlner, Ph.D.	35,135	Joseph B. Lorch	26,936	Peter C. Schechter	31,662
Paul Zoller	20,298	Brett J. Lewellen	19,409	Henry Sternberg	22,408
Melvin C. Farber	26,272	Scott G. Lindwall	40,325	Robert C. Sullivan, Jr.	30,499
Addie C. Gogoris	29,714	S. Peter Ludwig	23,351	Michael J. Sneedler	19,937
Marc R. Geller	10,614	Joseph R. Robinson	73,445	Pierre R. Vautrey	35,418
David Leason	36,195	Robert Schaffter	31,194		

all of Darby & Darby P.C., P.O. Box 5257, New York, New York 10150-5257, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments thereto, to receive the patent and to transact all business in the U.S. Patent and Trademark Office connected therewith.

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Darby & Darby P.C.  
P.O. Box 5257  
New York, New York 10150-5257

Please direct telephone calls to: David Leason at (212) 527-7602.

Please direct facsimiles to: (212) 753-6237

Attorney Docket No.: 01780/10003910-US3

Full name of first inventor <b>David P. MacAdurn</b>		Date:
Title or First Inventor's signature		
Residence		
<b>Milbury, Massachusetts</b>		
Citizenship	US	
Mailing Address		
<b>5 Candy Lane</b>		
<b>Milbury, Massachusetts 01527</b>		
Full name of second inventor, if any <b>Paul J. Way</b>		Date:
Second Inventor's signature		
Residence		
<b>Boston, Massachusetts</b>	<b>12776 RADONI CT, SARATOGA CA</b>	
Citizenship	US	
Mailing Address		
<b>250 Washington Street</b>		
<b>Boston, Massachusetts 02111</b>		
Full name of third inventor, if any <b>Shawn Yang</b>		Date:
Third Inventor's signature		
Residence		
<b>Arlington, Massachusetts</b>		
Citizenship	US	
Mailing Address		
<b>6 Iringate Drive</b>		
<b>Arlington, Massachusetts 01810</b>		
Full name of fourth inventor, if any <b>Dipen Shah</b>		Date:
Fourth Inventor's signature		
Residence		
<b>Talence, France</b>		
Citizenship	FR	
Mailing Address		
<b>65 Rue de la Republique</b>		
<b>F-73400 Talence, Haute-Savoie</b>		
<b>France</b>		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
DECLARATION FOR PATENT APPLICATION

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			_____ Yes _____ No _____
			_____ Yes _____ No _____

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**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**

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**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)**

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- such U.S./PCT application have been filed as follows:

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Adda C. Gogoris	29,714	S. Peter Ludwig	25,351	Michael J. Sweedler	19,937
Marc S. Gross	19,614	Joseph R. Robinson	33,448	Pierre R. Yanney	35,418
David Leason	36,195	Robert Schaffer	31,194		

all of **Darby & Darby P.C.**, P.O. Box 5257, New York, New York 10150-5257, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

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P.O. Box 5257  
New York, New York 10150-5257

Please direct telephone calls to: David Leason at (212) 527-7602.

Please direct facsimiles to: (212) 753-6237

Full name of sole or first inventor <b>David P. MacAdam</b>	
Sole or first inventor's signature	Date
Residence <b>Millbury, Massachusetts</b>	
Citizenship <b>US</b>	
Mailing Address  <b>5 Cyndy Lane Millbury, Massachusetts 01527</b>	

Full name of second inventor, if any <b>Paul J. Wang</b>	
Second inventor's signature	Date
Residence <b>Boston, Massachusetts</b>	
Citizenship <b>US</b>	
Mailing Address  <b>750 Washington Street Boston, Massachusetts 02111</b>	

Full name of third inventor, if any <b>Shawn Yang</b>	
Third inventor's signature 	Date <b>11/05/03</b>
Residence <b>Andover, Massachusetts</b>	
Citizenship <b>US</b>	
Mailing Address  <b>6 Irongate Drive Andover, Massachusetts 01810</b>	

Full name of fourth inventor, if any <b>Dipen Shah</b>	
Fourth inventor's signature	Date
Residence <b>Talence, France</b>	
Citizenship <b>FR</b>	
Mailing Address  <b>65 Rue de la Republique F-33400 Talence, Bordeaux France</b>	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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			_____ Yes _____ No _____

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Full name of sole or first inventor <b>David P. MacAdam</b>	
Sole or first inventor's signature	Date
Residence <b>Millbury, Massachusetts</b>	
Citizenship <b>US</b>	
Mailing Address  <b>5 Cyndy Lane Millbury, Massachusetts 01527</b>	

Full name of second inventor, if any <b>Paul J. Wang</b>	
Second inventor's signature	Date
Residence <b>Boston, Massachusetts</b>	
Citizenship <b>US</b>	
Mailing Address  <b>750 Washington Street Boston, Massachusetts 02111</b>	

Full name of third inventor, if any <b>Shawn Yang</b>	
Third inventor's signature	Date
Residence <b>Andover, Massachusetts</b>	
Citizenship <b>US</b>	
Mailing Address  <b>6 Irongate Drive Andover, Massachusetts 01810</b>	

Full name of fourth inventor, if any <b>Dipen Shah</b>	
Fourth inventor's signature	Date
Residence <b>Talence, France</b>	
Citizenship <b>FR (INDIA)</b>	
Mailing Address  <b>65 Rue de la Republique F-33400 Talence, Bordeaux France</b>	
<i>12, Avenue Gaspard Vallette 1206 Geneva Switzerland</i>	